

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Appl. No.** : 09/496,844  
**Applicant** : Patrick KNEBEL, et al.  
**Filed** : February 2, 2000  
**Title** : METHOD AND COMPUTER SYSTEM FOR DECOMPOSING  
MACROINSTRUCTIONS INTO MICROINSTRUCTIONS AND  
FORCING THE PARALLEL ISSUE OF AT LEAST TWO  
MICROINSTRUCTIONS (Amended)  
**TC/A.U.** : 2183  
**Examiner** : Huisman, David J.  
**Docket No.** : 10971393-1  
**Customer No.** : 022879

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**RECEIVED**

JUN 21 2004

Technology Center 2100

**DECLARATION OF ROHIT BHATIA PURSUANT TO 37 C.F.R. § 1.131**

Dear Sir:

1. I am a colleague of Patrick Knebel.
2. I am intimately familiar with the invention claimed in the present application.
3. As stated in Patrick Knebel's March 24, 2003 declaration (the "1<sup>st</sup> Declaration"), the invention described in the claims of the present application was reduced to practice prior to May 18, 1999, the filing date of U.S. Patent No. 6,330,657 to Col et al.
4. Attached to the 1<sup>st</sup> Declaration, as Exhibits 1 and 2, were two sets of RTL codes that evidence the reduction to practice of these features.
5. At least by February 24, 1999, the reduction to practice, *i.e.*, the RTL codes, worked for their intended purpose.
6. Specifically, the RTL codes, when run, provided a method and computer system as claimed in the present application, including decomposing macroinstructions into

microinstructions, forcing the parallel issue of at least two microinstructions, and if an exception occurs in any of the microinstructions, canceling all of the microinstructions.

7. To verify that the RTL codes worked for their intended purpose, tests and simulations were performed by Patrick and other using the RTL codes. The test results of these tests and simulations showed that the RTL codes work for their intended purpose.

8. It is not our standard procedure to retain copies of the tests results once testing is completed. Therefore, once the tests and simulations verified that the RTL codes worked for their intended purpose, the test results were discarded.

9. Further evidence that the RTL codes worked for their intended purpose is that the RTL codes were incorporated in the Intel Itanium2™ product, which is currently being sold.

10. The acts related above all took place in the United States of America.

11. The declarant further states that the above statements were made with the knowledge that willful false statements and the like are punishable by fine and/or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that any such willful false statement may jeopardize the validity of this application or any patent resulting therefrom.

Date: June 8, 2004

  
Rohit Bhatia

6/8/04